Amendments to the Claims are reflected in the listing of claims which begin on page 3 of this paper.

Remarks/Arguments begin on page 10 of this paper.

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims:**

and

Claims 1-17 (Cancelled)

18. (Currently amended) An ignition composition comprising: about 15 to about 50 composition weight percent of fuel material, the fuel material including at least one of a group consisting of metals, metal hydrides and metalloids;

about 50 to about 85 composition weight percent of an oxidizer;

about 1 to about 20 composition weight percent of a polymeric binder;

about 1 to about 20 composition weight percent of a thermally decomposable blowing agent; and

about 1 to about 20 composition weight percent of a polymeric binder, the polymeric binder adheres the ignition composition applicable onto to an associated inflator apparatus surface to form and the ignition composition adhered to the associated inflator apparatus surface forms an igniter substance having a surface area, wherein upon the igniter substance being heated to a predetermined temperature, the

thermal decomposition of the thermally decomposable blowing agent decomposes, to form forms a porous igniter substance free of the thermally decomposable blowing agent and comprising the fuel material, the oxidizer and the polymeric binder, the porous igniter substance has an increased surface area as compared to the igniter substance prior to decomposition of the thermally decomposable blowing agent, the porous igniter substance capable of adhering to the associated inflator apparatus surface.

- 19. (Withdrawn) The ignition composition of claim 18, additionally comprising a gas generating organic fuel.
- 20. (Previously presented) The ignition composition of claim 18, wherein the fuel material comprises a metal fuel selected from the group consisting of aluminum, magnesium, alloys of aluminum and magnesium, and combinations thereof.
- 21. (Previously presented) The ignition composition of claim 18, wherein the fuel material comprises an alloy of aluminum and magnesium.

- 22. (Previously presented) The ignition composition of claim 21, additionally comprising boron.
- 23. (Original) The ignition composition of claim 18, wherein the oxidizer is potassium nitrate.
- 24. (Original) The ignition composition of claim 18, wherein the polymeric binder is hydroxypropyl cellulose.
- 25. (Withdrawn) The ignition composition of claim 18, wherein the polymeric binder is an aqueous emulsion of polyacrylate polymers.
- 26. (Original) The ignition composition of claim 18, wherein the blowing agent is aminoguanidine bicarbonate.
- 27. (Withdrawn) The ignition composition of claim 18, further comprising a desensitizing agent.

28. (Withdrawn) The ignition composition of claim 27, wherein the ignition composition comprises the desensitizing agent in an amount of up to about 10 composition weight percent.

29. (Withdrawn) The ignition composition of claim 27, wherein the desensitizing agent is bentonite clay.

Claim 30 (Cancelled)

31. (Previously presented) The ignition composition of claim 18 wherein the igniter substance comprises a coating on the associated inflator apparatus surface.

32. (New) The ignition composition of claim 31 wherein the associated inflator apparatus surface is selected from the group consisting of at least a portion of a surface of a gas generant wafer or tablet, at least a portion of an interior surface of an inflator device, at least a portion of a surface of an electrical squib, at least a portion of a surface of a damper pad, and combinations thereof.

33. (New) The ignition composition of claim 32 wherein the associated inflator apparatus surface is a gas generant material.

## 34. (New) An ignition composition comprising:

at least about 15 composition weight percent of fuel material, the fuel material including at least one of a group consisting of metals, metal hydrides and metalloids;

an oxidizer;

a polymeric binder, the polymeric binder adheres the ignition composition to an associated inflator apparatus surface and to form an igniter substance on the associated inflator apparatus surface; and

a thermally decomposable blowing agent, thermal decomposition of the thermally decomposable blowing agent forms a porous igniter substance free of the thermally decomposable blowing agent and comprising the fuel material, the oxidizer and the polymeric binder, the porous igniter substance has an increased surface area as compared to the igniter substance prior to thermal decomposition of the thermally decomposable blowing agent.

- 35. (New) The ignition composition of claim 34 wherein the associated inflator apparatus surface is selected from the group consisting of at least a portion of a surface of a gas generant wafer or tablet, at least a portion of an interior surface of an inflator device, at least a portion of a surface of an electrical squib, at least a portion of a surface of a damper pad, and combinations thereof.
- 36. (New) The ignition composition of claim 35 wherein the associated inflator apparatus surface is a gas generant material.
  - 37. (New) An ignition composition comprising:

at least about 15 composition weight percent of fuel material, the fuel material including at least one of a group consisting of metals, metal hydrides and metalloids;

about 50 to about 85 composition weight percent of an oxidizer;

a polymeric binder, the polymeric binder comprises a modified cellulose polymer including hydroxypropyl cellulose and adheres the ignition composition to an associated inflator apparatus surface selected from the group consisting of at least a portion of a surface of a gas generant wafer or tablet, at least a portion of an interior surface of an inflator device, at least a portion of a surface of an electrical squib, at

least a portion of a surface of a damper pad, and combinations thereof to form an igniter substance on the associated inflator apparatus surface; and

thermally decomposable blowing agent forms a porous igniter substance free of the thermally decomposable blowing agent and comprising the fuel material, the oxidizer and the binder, the porous igniter substance has an increased surface area as compared to the igniter substance prior to thermal decomposition of the thermally decomposable blowing agent.

38. (New) The ignition composition of claim 37 wherein the associated inflator apparatus surface is a gas generant material and the polymeric blowing agent thermally decomposes at a temperature less than the autoignition temperature of the gas generant material.